ALTERNATIVE FUELS PROGRAM

MASSACHUSETTS PORT AUTHORITY

Logan has served as a testing ground for a number of cutting edge alternative fuel programs and technologies including compressed natural gas (CNG), electricity, hybrid buses, water emulsion diesels, and bio-diesel. Today over 100 vehicles of Massport's Logan-based fleet operate on CNG or electricity. In addition, dozens of airport companies own and operate clean fueled vehicles at Logan. For more information on alternative fuels at Logan International Airport, please visit www.massport.com.

COMPRESSED NATURAL GAS (CNG)

Massport began converting its Logan-based shuttle buses in 1995 and now all of Massport's fleet of 33 airport shuttle buses operate using CNG. The CNG buses are used to transport passengers between Logan's terminals, the MBTA station, parking lots, and Water Shuttle Dock. Logan is home to the region's largest CNG filling station. In July 2003, Massport's CNG Shuttle Bus Program was named the "Concept Most Likely to Reduce Emissions" at the First Annual ALT Wheels Festival.

ELECTRICITY

To support this growing fleet of alternative fueled vehicles, Massport has developed and maintains an extensive infrastructure for electric vehicles with numerous charging spaces and inductive chargers located in key locations at Logan International Airport, Hanscom Airport, and the Anderson RTC in Woburn. These chargers are available to all airport companies and several airlines at Logan have begun using electric-powered baggage belts and baggage tugs.

ALTERNATIVE VEHICLE FLEET AT LOGAN INTERNATIONAL AIRPORT

Vehicle	Number
ELECTRIC	
Mini-Buses	2
Solectria Citivan Stepvans	5
Solectria Force Sedans	4
Pick-Up Trucks	9
Off Road Vehicles	28

COMPRESSED NATURAL GAS (CNG)	
Ford Crown Victorias	3
Econoline Vans	6
Pick-Up Trucks	9
Shuttle Buses	32
Wheelchair Lift Cut-Away Buses	1

CNG/ELECTRIC HYBRID	
Solectria Citivan Stepvan	1
Non Road Vehicles	10
TOTAL	**110**
Total acquired in 2003	33
Total disposed of in 2003	1

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